EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4	RICHTER-KURT-J or RICHTER-KURT-JOSEPH	US-PGPUB; USPAT	OR	ON	2006/02/24 07:20
S2	0	("2004/0168200").URPN.	USPAT	OR	ON	2005/08/25 17:34
S3	0	("2003/0153293").URPN.	USPAT	OR	ON	2005/08/25 17:35
S4	0	("2003/0153293").URPN.	USPAT	OR	ON	2005/08/25 17:37
S5	9	("5654774").URPN.	USPAT	OR	ON	2005/08/25 17:41
S6	14	"6285865".pn. or "4581643".pn. or "4726072".pn. or "4742566".pn. or "4979230".pn. or "5038404".pn. or "5060297".pn. or "5140198".pn. or "5200826".pn. or "5311318".pn. or "5321852".pn. or "5390346".pn. or "5428836".pn. or "5563545".pn.	US-PGPUB; USPAT	OR	ON	2005/08/25 17:43
S7	9	("4789976" | "4818903" | "5031233" | "5317216" | "5428829" | "5715282" | "5737035" | "5828589" | "6043724"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/25 17:45
S8	18	("6285865").URPN.	USPAT	OR	ON	2005/08/25 17:45
S9	19	("5390346").URPN.	USPAT	OR	ON	2005/08/25 17:46
S10	0	"455"/$.ccls and (image adj reject$3)	US-PGPUB; USPAT	OR	ON	2005/08/25 17:48
S11	0	"455"/$.ccls	US-PGPUB; USPAT	OR	ON	2005/08/25 17:49
S12	67506	"455"/$.ccls.	US-PGPUB; USPAT	OR	ON	2005/08/25 17:49
S13	693	S12 and (image adj reject$3)	US-PGPUB; USPAT	OR	ON	2006/02/23 11:56
S14	526	S13 and (@ad<="20011211" or @rlad<="20011211")	US-PGPUB; USPAT	OR	ON	2006/01/20 13:12
S15	1	S14 and (opencable or (open adj cable))	US-PGPUB; USPAT	OR	ON	2005/08/25 17:57
S16	746	(opencable or (open adj cable))	US-PGPUB; USPAT	OR	ON	2005/08/25 17:57
S17	560	S16 and (@ad<="20011211" or @rlad<="20011211")	US-PGPUB; USPAT	OR	ON	2005/08/25 17:57
S18	1	S17 and (image adj reject$4)	US-PGPUB; USPAT	OR	ON	2005/08/25 17:57
S19	9	S17 and (mixer)	US-PGPUB; USPAT	OR	ON	2005/08/25 17:59
S20	49	S17 and tuner	US-PGPUB; USPAT	OR	ON	2006/01/20 11:54

EAST Search History

S21	101	S14 and ("20" adj db)	US-PGPUB; USPAT	OR	ON	2005/08/25 18:08
S22	0	("2003/0153293").URPN.	USPAT	OR	ON	2006/01/20 11:53
S23	1	"20030153293"	US-PGPUB; USPAT	OR	ON	2006/01/20 12:05
S24	1	S23 and tuner	US-PGPUB; USPAT	OR	ON	2006/01/20 12:10
S25	60	(data adj2 channel adj2 tuner)	US-PGPUB; USPAT	OR	ON	2006/01/20 12:11
S26	1	S25 same (image near4 reject$3)	US-PGPUB; USPAT	OR	ON	2006/01/20 12:11
S27	0	("2003/0133049").URPN.	USPAT	OR	ON	2006/01/20 12:17
S28	71734	"455"/$.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/20 13:12
S29	757	S28 and (image adj reject$3)	US-PGPUB; USPAT	OR	ON	2006/01/20 13:13
S30	545	S29 and (@ad<="20011211" or @rlad<="20011211")	US-PGPUB; USPAT	OR	ON	2006/01/20 13:13
S31	294	S28 and (image adj reject$3 adj mixer)	US-PGPUB; USPAT	OR	ON	2006/01/20 13:13
S32	216	S31 and (@ad<="20011211" or @rlad<="20011211")	US-PGPUB; USPAT	OR	ON	2006/01/20 13:13
S33	39	S32 and tuner	US-PGPUB; USPAT	OR	ON	2006/01/20 13:13
S34	0	("2002/0183033").URPN.	USPAT	OR	ON	2006/01/20 13:39
S35	74	microtune	US-PGPUB; USPAT	OR	ON	2006/01/20 13:39
S36	0	("2004/0117861").URPN.	USPAT	OR	ON	2006/01/20 13:51
S37	21	(FAT adj channel)	US-PGPUB; USPAT	OR	ON	2006/01/20 13:53
S38	1	S23 and energy	US-PGPUB; USPAT	OR	ON	2006/01/20 14:00
S39	431	forward adj2 data adj2 channel	US-PGPUB; USPAT	OR	ON	2006/01/20 14:01
S40	1	S39 and (mixer near4 reject$3)	US-PGPUB; USPAT	OR	ON	2006/01/20 14:01
S41	41	S39 and (mixer)	US-PGPUB; USPAT	OR	ON	2006/01/20 14:07
S42	240	455/302.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/20 14:43
S43	0	("2002/0183033").URPN.	USPAT	OR	ON	2006/01/20 14:27
S44	0	("6985710").URPN.	USPAT	OR	ON	2006/01/20 14:29

EAST Search History

S45	4	("5060297" | "6127962" | "6226509" | "6766178").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/20 14:29
S46	13	("5060297").URPN.	USPAT	OR	ON	2006/01/20 14:31
S47	0	("6980787").URPN.	USPAT	OR	ON	2006/01/20 14:34
S48	15	("2964622" | "5140198" | "5180994" | "5239274" | "5262735" | "5438301" | "5568099" | "5635879" | "5659263" | "5870670" | "5917383" | "6029059" | "6314279" | "6324388").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/20 14:34
S49	9	("4217551" | "4506228" | "5159281" | "5596600" | "5619536" | "5701106" | "6097259" | "6317468" | "6459743"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/20 14:36
S50	1770	"70" adj MHz	US-PGPUB; USPAT	OR	ON	2006/01/20 14:44
S51	1770	"70" adj MHz	US-PGPUB; USPAT	OR	OFF	2006/01/20 14:44
S52	2777	(455/302,296,304,305,340,313,333). ccls.	US-PGPUB; USPAT	OR	OFF	2006/01/20 14:45
S53	41	S51 and S52	US-PGPUB; USPAT	OR	OFF	2007/05/05 12:55
S54	243	455/302.ccls.	US-PGPUB; USPAT	OR	ON	2006/02/21 17:55
S55	36	S54 and (image adj2 reject adj2 mixer)	US-PGPUB; USPAT	OR	ON	2006/02/21 18:17
S56	0	("2003/0153293").URPN.	USPAT	OR	ON	2006/02/21 17:58
S57	0	("2003/0153293").URPN.	USPAT	OR	ON	2006/02/21 17:58
S58	1	("6681103").URPN.	USPAT	OR	ON	2006/02/21 18:06
S59	8	("3993962" | "4263676" | "5374899" | "6081168" | "6175274" | "6177964" | "6307442" | "6542724").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 18:11
S60	8	tuner near5 (image adj2 reject adj2 mixer)	US-PGPUB; USPAT	OR	ON	2006/02/21 18:18
S61	0	("6078799").URPN.	USPAT	OR	ON	2006/02/21 18:20
S62	0	("6078799").URPN.	USPAT	OR	ON.	2006/02/21 18:20
S63	6	("4864643" | "5239683" | "5428669" | "5678220" | "5867766" | "5950119"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 18:21
S64	0	S54 and (S60 adj2 db$1)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 18:22
S65	0	S54 and ('20' adj2 db$1)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 18:22

S66	116	S54 and (db$1)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 18:22
S67	6	S54 and (first adj2 order)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 18:23
S68	16	S54 and (second adj2 order)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 18:28
S69	2	S67 and S68	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 18:22
S70	2	"6081697".pn. or "6314279".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 18:28
S71	72859	"455"/$.ccls.	US-PGPUB; USPAT	OR	ON	2006/02/23 11:56
S72	776	S71 and (image adj reject$3)	US-PGPUB; USPAT	OR	ON	2006/02/23 11:56
S73	138	S72 and ("20" adj db)	US-PGPUB; USPAT	OR	ON	2006/02/23 12:34
S74	19	fdc near5 fat	US-PGPUB; USPAT	OR	ON	2006/02/23 12:23
S75	0	("2003/0153293").URPN.	USPAT	OR	ON	2006/02/23 12:25
S76	0	("2003/0153293").URPN.	USPAT	OR	ON	2006/02/23 12:25
S77	1	"20030153293"	US-PGPUB; USPAT	OR	ON	2006/02/23 12:34
S78	1	S77 and (first adj2 order)	US-PGPUB; USPAT	OR	ON	2006/02/23 12:34
S79	445	(forward adj2 data adj2 channel)	US-PGPUB; USPAT	OR	ON	2006/02/23 16:56
S80	1	S79 and (image adj3 reject$3)	US-PGPUB; USPAT	OR	ON	2006/02/23 15:37
S81	1	S79 and (image near5 reject$3)	US-PGPUB; USPAT	OR	ON	2006/02/23 15:37
S82	23	(forward adj3 channel) and (image near5 reject$3)	US-PGPUB; USPAT	OR	ON	2006/02/23 16:54
S83	1	("6625222").URPN.	USPAT	OR	ON	2006/02/23 16:02
S84	6	("5550579" | "5642155" | "5864672" | "5970053" | "6321384" | "6327709").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/23 16:03
S85	0	(forward adj2 data adj2 channel) near5 (out adj of adj band)	US-PGPUB; USPAT	OR	ON	2006/02/23 16:56
S86	21	(forward adj2 data adj2 channel) near5 (out adj3 band)	US-PGPUB; USPAT	OR	ON	2006/02/23 17:15

S87	1	"20030153293"	US-PGPUB; USPAT	OR	ON	2006/02/23 17:45
S88	1	S87 and ("20" adj db$3)	US-PGPUB; USPAT	OR	ON	2006/02/23 17:46
S89	1	(signal adj2 noise) near5 (distortion adj3 ratio) near5 ("20" adj3 dBc)	US-PGPUB; USPAT	OR	ON	2006/02/23 17:48
S90	51	("20" adj3 dBc)	US-PGPUB; USPAT	OR	ON	2006/02/23 18:15
S91	2345	(first adj2 order adj2 filters)	US-PGPUB; USPAT	OR	ON	2006/02/23 18:15
S92	1	S91 near5 (mixer)	US-PGPUB; USPAT	OR	ON	2006/02/23 18:16
S93	34	S91 same (mixer)	US-PGPUB; USPAT	OR	ON	2006/02/23 18:16
S94	2345	(first adj2 order adj2 filter$1)	US-PGPUB; USPAT	OR	ON	2006/02/24 07:59
S95	56	S94 and (image near5 reject$3)	US-PGPUB; USPAT	OR	ON	2006/02/24 07:24
S96	1	"20030153293"	US-PGPUB; USPAT	OR	ON	2006/02/24 07:24
S97	1	S96 and (first adj2 order)	US-PGPUB; USPAT	OR	ON	2006/02/24 07:25
S98	0	(first adj2 order adj2 filter$1) same (resonant adj2 tank)	US-PGPUB; USPAT	OR	ON	2006/02/24 07:59
S99	4	(first adj2 order adj2 filter$1) near5 lc	US-PGPUB; USPAT	OR	ON	2006/02/24 08:27
S100	1	S96 and (10% adj removed)	US-PGPUB; USPAT	OR	ON	2006/02/24 08:28
S101	1	S96 and (10%)	US-PGPUB; USPAT	OR	ON	2006/02/24 08:33
S102	3	"6625222".pn. or "6681103".pn. or "6674409".pn.	US-PGPUB; USPAT	OR	ON	2006/02/24 08:29
S103	1	S102 and (10% or ('10' adj '%'))	US-PGPUB; USPAT	OR	ON	2006/02/24 08:31
S104	1	S96 and (10% near5 image)	US-PGPUB; USPAT	OR	ON	2006/02/24 08:31
S105	1	lc near5 (10% adj3 tolerance)	US-PGPUB; USPAT	OR	ON	2006/02/24 08:33
S106	8	lc same (10% adj3 tolerance)	US-PGPUB; USPAT	OR	ON	2006/02/24 08:40
S107	15782	image same ('142')	US-PGPUB; USPAT	OR	ON	2006/02/24 08:40
S108	4142	image near5 ('142')	US-PGPUB; USPAT	OR	ON	2006/02/24 08:40

S10 9	1	image near5 ('142' adj2 MHz)	US-PGPUB; USPAT	OR	ON	2006/02/24 11:54
S11 0	1	S96 and digital	US-PGPUB; USPAT	OR	ON	2006/02/24 10:25
S11 1	1	"6625222".pn.	US-PGPUB; USPAT	OR	ON	2006/02/24 10:26
S11 2	0	S111 and digital	US-PGPUB; USPAT	OR	ON	2006/02/24 10:26
S11 3	2	"6625222"	US-PGPUB; USPAT	OR	ON	2006/02/24 10:26
S11 4	0	S113 and digital	US-PGPUB; USPAT	OR	ON	2006/02/24 10:26
S11 5	3	"6681103"	US-PGPUB; USPAT	OR	ON	2006/02/24 10:26
S11 6	1	S115 and digital	US-PGPUB; USPAT	OR	ON	2006/02/24 11:48
S11 7	1	S96 and digital	US-PGPUB; USPAT	OR	ON	2006/02/24 11:53
S11 8	1707	docsis	US-PGPUB; USPAT	OR	ON	2006/02/24 11:53
S11 9	766	S118 same digital	US-PGPUB; USPAT	OR	ON	2006/02/24 11:53
S12 0	205	S118 near5 digital	US-PGPUB; USPAT	OR	ON	2006/02/24 11:54
S12 1	0	S118 near5 ('6' adj2 MHz)	US-PGPUB; USPAT	OR	ON	2006/02/24 11:55
S12 2	0	S118 and ('6' adj2 MHz)	US-PGPUB; USPAT	OR	ON	2006/02/24 11:55
S12 3	799	S118 and (MHz)	US-PGPUB; USPAT	OR	ON	2006/02/24 11:55
S12 4	2	BOLTON-JERRY-T or BOLTON-JERRY-THOMAS-JR	US-PGPUB; USPAT	OR	ON	2006/02/24 13:20
S12 5	1	"20030153293"	US-PGPUB; USPAT	OR	ON	2006/08/10 12:44
S12 6	1	S125 and channel	US-PGPUB; USPAT	OR	ON	2006/08/10 12:44
S12 7	1	"20030153293"	US-PGPUB; USPAT	OR	ON	2006/12/04 10:38
S12 8	1	S127 and (first adj2 order)	US-PGPUB; USPAT	OR	ON	2006/12/04 10:42
S12 9	0	S127 and (low adj2 order)	US-PGPUB; USPAT	OR	ON	2006/12/04 10:42
S13 0	1987	"70" adj MHz	US-PGPUB; USPAT	OR	OFF	2007/05/05 12:55

S13 1	3308	(455/302,296,304,305,340,313,333). ccls.	US-PGPUB; USPAT	OR	OFF	2007/05/05 12:55
S13 2	45	S130 and S131	US-PGPUB; USPAT	OR	OFF	2007/05/05 12:55
S13 3	0	("2003/0153293").URPN.	USPAT	OR	ON	2007/05/05 12:56
S13 4	183	(image adj2 reject adj2 mixer) near5 filter	US-PGPUB; USPAT	OR	ON	2007/05/05 14:06
S13 5	133	S134 and (@ad<="20011211" or @rlad<="20011211" or @pd<="20011211")	US-PGPUB; USPAT	OR	ON	2007/05/05 16:51
S13 6	62	S135 and (first adj2 order)	US-PGPUB; USPAT	OR	ON	2007/05/05 14:03
S13 7	0	("2003/0153293").URPN.	USPAT	OR	ON	2007/05/05 13:24
S13 8	64	S135 and (manual)	US-PGPUB; USPAT	OR	ON	2007/05/05 14:01
S13 9	1	S135 and ("no" adj2 manual)	US-PGPUB; USPAT	OR	ON	2007/05/05 14:02
S14 0	1	S135 and (manual near5 (tuning or adjust$5))	US-PGPUB; USPAT	OR	ON	2007/05/05 14:02
S14 1	58	S135 and (filter$1 near9 manual)	US-PGPUB; USPAT	OR	ON	2007/05/05 14:03
S14 2	58	S135 and (filter$1 near5 manual)	US-PGPUB; USPAT	OR	ON	2007/05/05 14:03
S14 3	58	S135 and (filter$1 near5 manual near9 (adjust$5 or tun$4))	US-PGPUB; USPAT	OR	ON	2007/05/05 14:04
S14 4	78	S134 and (without near5 (tun$3 or adjust$5))	US-PGPUB; USPAT	OR	ON	2007/05/05 14:08
S14 5	73	S144 and (@ad<="20011211" or @rlad<="20011211" or @pd<="20011211")	US-PGPUB; USPAT	OR	ON	2007/05/05 14:07
S14 6	0	S134 same (without near5 (tun$3 or adjust$5))	US-PGPUB; USPAT	OR	ON	2007/05/05 14:08
S14 7	2658	filter same (without near5 (tun$3 or adjust$5))	US-PGPUB; USPAT	OR	ON	2007/05/05 14:09
S14 8	1881	S147 and (@ad<="20011211" or @rlad<="20011211" or @pd<="20011211")	US-PGPUB; USPAT	OR	ON	2007/05/05 14:09
S14 9	552	S148 and image	US-PGPUB; USPAT	OR	ON	2007/05/05 14:09
S15 0	256	image same filter same (without near5 (tun$3 or adjust$5))	US-PGPUB; USPAT	OR	ON	2007/05/05 14:09

EAST Search History

S15 1	194	S150 and (@ad<="20011211" or @rlad<="20011211" or @pd<="20011211")	US-PGPUB; USPAT	OR	ON	2007/05/05 16:13
S15 2	12	image near5 filter near5 (without near5 (tun$3 or adjust$5))	US-PGPUB; USPAT	OR	ON	2007/05/05 14:13
S15 3	14095	(LC or RC) same (tun$4 or adjust$3)	US-PGPUB; USPAT	OR	ON	2007/05/05 14:14
S15 4	346	(LC or RC) same (tun$4 or adjust$3) same (without near9 (tun$4 or adjust$4))	US-PGPUB; USPAT	OR	ON	2007/05/05 14:14
S15 5	108	S154 and image	US-PGPUB; USPAT	OR	ON	2007/05/05 14:14
S15 6	9	S154 and (image adj2 reject$4)	US-PGPUB; USPAT	OR	ON	2007/05/05 14:15
S15 7	0	("2002/0063606").URPN.	USPAT	OR	ON	2007/05/05 14:23
S15 8	24	("20030153289" | "20030214423" | "20030231723" | "20040002318" | "20040137870" | "20050069056" | "20050070239" | "20050073357" | "20060001559" | "20060009180" | "5584049" | "5949372" | "6118881" | "6151354" | "6201953" | "6225848" | "6262625" | "6321068" | "6498582" | "6498927" | "6512803" | "6603810" | "6704352" | "6897729").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/05 14:47
S15 9	2	"4914408".pn. or "6346850".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/05 15:01
S16 0	272	(Lc or rc or rl or (natural adj2 response adj2 circuit)) same (without adj4 (tun$3 or adjust$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/05 15:04
S16 1	285	(Lc or rc or rl or (natural adj2 response adj2 circuit)) same ("no" adj4 (tun$3 or adjust$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/05 15:04
S16 2	546	S160 or S161	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/05 15:05
S16 3	0	S162 same (image adj3 reject)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/05 15:05
S16 4	10	S162 same (image)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/05 15:05
S16 5	0	("2633529").URPN.	USPAT	OR	ON	2007/05/05 15:15

S16 6	154	S162 and (@ad<="20011211" or @rlad<="20011211" or @pd<="20011211")	US-PGPUB; USPAT	OR	ON	2007/05/05 15:16
S16 7	0	("2137475").URPN.	USPAT	OR	ON	2007/05/05 15:26
S16 8	1	("2001/0038322").URPN.	USPAT	OR	ON	2007/05/05 15:39
S16 9	6	("2001/0018334").URPN.	USPAT	OR	ON	2007/05/05 15:43
S17 0	183	(image adj2 reject adj2 mixer) near5 filter	US-PGPUB; USPAT	OR	ON	2007/05/05 16:13
S17 1	68	((image adj2 reject adj2 mixer) and filter).clm.	US-PGPUB; USPAT	OR	ON	2007/05/05 16:13
S17 2	38	S171 and (@ad<="20011211" or @rlad<="20011211" or @pd<="20011211")	US-PGPUB; USPAT	OR	ON	2007/05/05 17:20
S17 3	0	("2006/0189290").URPN.	USPAT	OR	ON	2007/05/05 16:19
S17 4	32	("3641515" | "4006420" | "4031469" | "4340975" | "4368468" | "4696055" | "4858159" | "5200826" | "5329319" | "5337014" | "5390348" | "5408196" | "5584068" | "5692279" | "5737035" | "5822687" | "5847612" | "5930696" | "5950119" | "6009317" | "6011962" | "6028647" | "6035186" | "6037999" | "6160572" | "6163684" | "6169569" | "6233442" | "6330290" | "6427068" | "6484042" | "6952564").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/05 16:34
S17 5	3	("6600252").URPN.	USPAT	OR	ON	2007/05/05 16:49
S17 6	0	("6917138").URPN.	USPAT	OR	ON	2007/05/05 16:50
S17 7	52	NGUYEN-CLARK-T or NGUYEN-CLARK-TU-CUONG or NGUYEN-CLARK-T-C or "NGUYEN-CLARK-T.C"	US-PGPUB; USPAT	OR	ON	2007/05/05 16:51
S17 8	41	S177 and (@ad<="20011211" or @rlad<="20011211" or @pd<="20011211")	US-PGPUB; USPAT	OR	ON	2007/05/05 17:19
S17 9	131	(image adj2 reject adj2 mixer) and (off-chip or (off adj2 chip))	US-PGPUB; USPAT	OR	ON	2007/05/05 17:20
S18 0	106	S179 and (@ad<="20011211" or @rlad<="20011211" or @pd<="20011211")	US-PGPUB; USPAT	OR	ON	2007/05/05 17:20
S18 1	2	("2003/0206065").URPN.	USPAT	OR	ON	2007/05/05 17:27

| S18 2 | 161 | ("1342885" \| "1773980" \| "20010008430" \| "20020140869" \| "2650265" \| "3824491" \| "3839676" \| "3939429" \| "4027242" \| "4061980" \| "4097899" \| "4139866" \| "4141209" \| "4162452" \| "4169659" \| "4176351" \| "4211975" \| "4282549" \| "4305053" \| "4321565" \| "4322856" \| "4328531" \| "4340975" \| "4352209" \| "4353039" \| "4353132" \| "4395777" \| "4402089" \| "4408347" \| "4419770" \| "4467272" \| "4496979" \| "4499602" \| "4520507" \| "4553264" \| "4554584" \| "4555809" \| "4569084" \| "4580289" \| "4581643" \| "4584715" \| "4614925" \| "4619001" \| "4627100" \| "4631603" \| "4633315" \| "4661995" \| "4688263" \| "4689740" \| "4726072" \| "4739390" \| "4742566" \| "4745478" \| "4776040" \| "4789976" \| "4812772" \| "4818903" \| "4855835" \| "4876737" \| "4879758" \| "4885802" \| "4903329" \| "4918532" \| "4918748" \| "4979230" \| "5006727" \| "5010400" \| "5014349" \| "5020147" \| "5028887" \| "5031233" \| "5038404" \| "5049831" \| "5060297" \| "5077541" \| "5093922" \| "5140198" \| "5142369" \| "5142370" \| "5142371" \| "5144439" \| "5144440" \| "5146337" \| "5146338" \| "5148280" \| "5179729" \| "5200826" \| "5203032" \| "5212817" \| "5212824" \| "5251324" \| "5265267" \| "5280639" \| "5311318" \| "5317216" \| "5321852" \| "5355524" \| "5355532" \| "5361406" \| "5361407" \| "5365551" \| "5369440" \| "5390346" \| "5392011" \| "5398080" \| "5410270" \| "5410735" \| "5420646" \| "5423076" \| "5428829" \| "5428836" \| "5442318" \| "5479449" \| "5493210" \| "5500650" \| "5524281" \| "5563545" \| "5564098" \| "5568512" \| "5581213" \| "5583850" \| "5584066" \| "5587688" \| "5625307").PN. OR ("5625325" \| "5627544" \| "5630214" \| "5633927" \| "5640213" \| "5648744" \| "5686864" \| "5715012" \| "5715282" \| "5717718" \| "5717730" \| "5722040" \| "5737035" \| "5739730" \| "5757220" \| "5784523" \| "5790946" \| "5805988" \| "5828589" \| "5847612" \| "5874857" \| "5914630" \| "5920241" \| "5930696" \| "5949295" \| "5953417" \| "6101371" \| "6160571" \| "6163684" \| "6169569" \| "6177964" \| "6308056" \| "6377315" \| "6591091").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/05/05 17:46 |

S18 3	1	"20030153293"	US-PGPUB; USPAT	OR	ON	2007/05/05 17:46
S18 4	1	S183 and "250"	US-PGPUB; USPAT	OR	ON	2007/05/05 17:46
S18 5	30	("20030203717" | "3939429" | "4408347" | "4575761" | "4581643" | "4726072" | "4742566" | "4979230" | "5038404" | "5060297" | "5140198" | "5200826" | "5311318" | "5321852" | "5369440" | "5390346" | "5428836" | "5563545" | "5572264" | "5715012" | "5892535" | "5909256" | "5950112" | "5956098" | "6091931" | "6100841" | "6104821" | "6163684" | "6177964" | "6725463").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/05 17:54
S18 6	3	("6681103").URPN.	USPAT	OR	ON	2007/05/05 17:59
S18 7	8	("3993962" | "4263676" | "5374899" | "6081168" | "6175274" | "6177964" | "6307442" | "6542724").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/05 18:11
S18 8	0	(image adj2 reject adj2 mixter) same discrete	US-PGPUB; USPAT	OR	ON	2007/05/05 18:12
S18 9	0	(image adj2 reject adj2 mixter) and discrete	US-PGPUB; USPAT	OR	ON	2007/05/05 18:12
S19 0	185	(image adj2 reject adj2 mixer) and discrete	US-PGPUB; USPAT	OR	ON	2007/05/05 18:12
S19 1	18	(image adj2 reject adj2 mixer) same discrete	US-PGPUB; USPAT	OR	ON	2007/05/05 18:13
S19 2	10	("6324388").URPN.	USPAT	OR	ON	2007/05/05 18:19
S19 3	1	"20030087613"	US-PGPUB; USPAT	OR	ON	2007/05/07 08:21
S19 4	1	"20030153293"	US-PGPUB; USPAT	OR	ON	2007/05/07 08:21
S19 5	1	S194 and (first adj2 filter)	US-PGPUB; USPAT	OR	ON	2007/05/07 08:21
S19 6	5	"6249194"	US-PGPUB; USPAT	OR	ON	2007/05/07 09:41